Your SELECT statement is: *09/674,543*
   s rur(w)1

          Items   File
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            2   5: Biosis Previews(R)_1969-2002/Sep W1
            1   34: SciSearch(R) Cited Ref Sci_1990-2002/Sep W1
            1   73: EMBASE_1974-2002/Aug W4
            2   94: JICST-EPlus_1985-2002/Jul W1
            1   144: Pascal_1973-2002/Sep W1
            1   155: MEDLINE(R)_1966-2002/Sep W1
            1   159: Cancerlit_1975-2002/Jul
            1   399: CA SEARCH(R)_1967-2002/UD=13710
SYSTEM:OS   - DIALOG OneSearch
   File   5:Biosis Previews(R)   1969-2002/Sep W1
          (c) 2002 BIOSIS
File   5: Alert feature enhanced for multiple files, duplicates
removal, customized scheduling. See HELP ALERT.
   File 94:JICST-EPlus   1985-2002/Jul W1
          (c)2002 Japan Science and Tech Corp(JST)
File   94: There is no data missing. UDs have been adjusted to reflect
 the current months data. See Help News94 for details.
   File 399:CA SEARCH(R)   1967-2002/UD=13710
          (c) 2002 American Chemical Society
File 399: Use is subject to the terms of your user/customer agreement.
Alert feature enhanced for multiple files, etc. See HELP ALERT.
   File 155:MEDLINE(R)   1966-2002/Sep W1
File 155: Alert feature enhanced for multiple files, duplicates
removal, customized scheduling. See HELP ALERT.
   File 159:Cancerlit   1975-2002/Jul
          (c) format only 2002 Dialog Corporation
Set   Items   Description
S1   7   RUR(W)1
S2   4   RD (unique items)
S3   0   EYNDE AND BOON(W)FALLEUR
S4   0   EYNDE AND BOON
S5   7   EYNDE
S6   4   RD (unique items)

From:	Yu, Misook
Sent:	Thursday, September 05, 2002 12:22 PM
To:	Schreiber, David
Subject:	09/674,593

David,
Please do
1. Compare antisense of SEQ ID NO:4 with SEQ ID NO:`1.

2. Compare SEQ ID NO:2 and 5 (both amino acid sequence).

Thank you,

Examiner Misook Yu, Ph.D.
703-308-2454 (Phone)
Art Unit 1642
CM1-8E18 (Room)
CM1-8E12 (Mail Box)

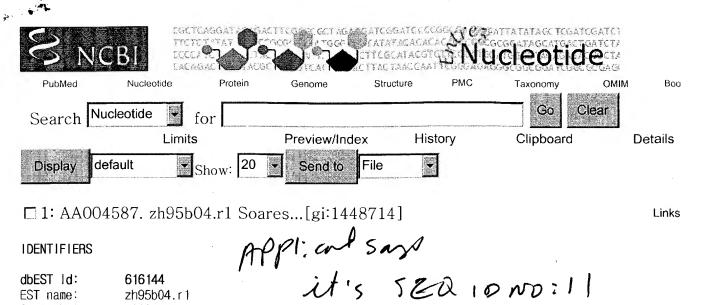|	
From:	Yu, Misook
Sent:	Monday, September 09, 2002 12:24 PM
To:	Schreiber, David
Subject:	09/674,593

Please compare antisense of SEQ ID NO:4 with SEQ ID NO:`1 throught the entire sequences.

Examiner Misook Yu, Ph.D.
703-308-2454 (Phone)
Art Unit 1642
CM1-8E18 (Room)
CM1-8E12 (Mail Box)

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antisense

<molecular biology> In general the complementary strand of a coding sequence of DNA (antisense DNA) or of mRNA (antisense RNA).

A collection of nucleotide sequences which are not templates for synthesis but yet interact with complementary sequences in other molecules thereby causing function of those molecules to be affected.

Antisense RNA hybridises with and inactivates mRNA.

(12 Dec 1998)

Previous: antiscorbutical, antiscorbutic vitamin, antiseborrheic, antisecretory
Next: antisense DNA, antisense RNA, antisense strand, antisense therapy

Search Nucleotide for [   ]   Go   Clear

Limits   Preview/Index   History   Clipboard   Details

Display default Show: 20 Send to File

□ 1: AA004587. zh95b04.r1 Soares...[gi:1448714]   Links

IDENTIFIERS

Applicant says it's SEQ ID NO: 11

dbEST Id:	616144
EST name:	zh95b04.r1
GenBank Acc:	AA004587
GenBank gi:	1448714
GDB Id:	1328776

CLONE INFO
Clone Id:	IMAGE:429007 (5')
Source:	IMAGE Consortium, LLNL
Insert length:	1070
DNA type:	cDNA

PRIMERS
| Sequencing: | mob.REGA+ET |
| PolyA Tail: | Unknown |

SEQUENCE

```
GAAGAATTTGCACTGGAAGACAATTGCCACTTGTAAAGGATGAAAAATAGGATCACTCTT
ATTGTACGCTTTATTATAAGTTTAGAAGGCAGTTTATTCTAAATAATTTTTCTCTAGGAA
GGCGTAGAATTTTAAAGAACTGGTAATAGGAAAGCATGTACTATTTTCTTAAAGCAATAA
ACTCTTGAATGAACAGATTGCGATTTACTTTCAGACATAATTTGGAGATGGCAGTAGATC
ANAATGTGTCCATGACTTGTTAACATGCCTTTCCGTTCTTCCTCCTTAAGCCAAAATCCA
CCTTTTGACTACAAATNCCNGAGCAAGGCGTTCATTTTTGGTGGGAAGGAAGCATTGGGT
TCAGGAGTGTTAGTGACTAGTATCGCCATTGCCGTCCGCTTAAGTGCTTTGCAGGCTTTG
CATNGCTTNGTTGGCTCCCAATGNGCGCACGCTCAGGAAGGAAGTTGTTNAAGGGAGNAC
CCNGTTANAGTTTATAAAGCCTGGATGGTATGGTTNGCCGAGTAATGNGAAATCCTGTGG
GANTTTCCACTGATCCAGGTCCAATCTTTACCCAGTAGNTATCTCTCTCCNTCTCCCTTA
TGTTATTGGGGAA
```

| Quality: | High quality sequence stops at base: 344 |

| Entry Created: | Jun 24 1996 |
| Last Updated: | May 7 1997 |

COMMENTS

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

LIBRARY
Lib Name:	Soares_fetal_liver_spleen_1NFLS_S1
Organism:	Homo sapiens
Sex:	male
Organ:	Liver and Spleen

```
Develop. stage:  20 week-post conception fetus
Lab host:        DH10B (ampicillin resistant)
Vector:          pT7T3D (Pharmacia) with a modified polylinker
R. Site 1:       Pac I
R. Site 2:       Eco RI
Description:     This is a subtracted version of the original Soares fetal
                 liver spleen 1NFLS library. 1st strand cDNA was primed with
                 a Pac I - oligo(dT) primer [5'
                 AACTGGAAGAATTAATTAAAGATCTTTTTTTTTTTTTTTTTTTTT 3'],
                 double-stranded cDNA was ligated to Eco RI adaptors
                 (Pharmacia), digested with Pac I and cloned into the Pac I
                 and Eco RI sites of the modified pT7T3 vector. Library went
                 through one round of normalization. Library constructed by
                 Bento Soares and M.Fatima Bonaldo.
```

SUBMITTER

```
Name:            Wilson RK
Institution:     Washington University School of Medicine
Address:         4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel:             314 286 1800
Fax:             314 286 1810
E-mail:          est@watson.wustl.edu
```

CITATIONS

```
Medline UID:     97044478
Title:           Generation and analysis of 280,000 human expressed sequence
                 tags
Authors:         Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B.
                 , Chissoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W.,
                 Hawkins,M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,N.,
                 Mardis,E., Moore,B., Morris,M., Parsons,J., Prange,C.,
                 Rifkin,L., Rohlfing,T., Schellenberg,K., Soares,M.B., Tan,F.
                 , Thierry-Meg,J., Trevaskis,E., Underwood,K., Wohldmann,P.,
                 Waterston,R., Wilson,R., Marra,M.
Citation:        Genome Res. 6 (9): 807-828 1996
```

MAP DATA

Revised: July 5, 2002.

Jan 7 2003 17:14:06